10/691,328

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	360	(556/58).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/05 16:54
L2	280	(556/32).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/05 16:58
L3	489	(556/57).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/05 17:57
L4	2024	(502/152).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/05 18:19
L5	1358	(502/155).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/05 18:31
L6	1350	(502/162).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/05 18:48
L7	342	(548/402).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/05 18:49

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        (FILE 'HOME' ENTERED AT 16:25:23 ON 05 APR 2006)

        FILE 'REGISTRY' ENTERED AT 16:25:34 ON 05 APR 2006
L1                STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1                STR
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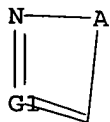


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G1 Mo,W


Structure attributes must be viewed using STN Express query preparation.


=> s l1
SAMPLE SEARCH INITIATED 16:25:56 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    3469 TO ITERATE

 57.7% PROCESSED    2000 ITERATIONS                          0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:      65848 TO     72912
PROJECTED ANSWERS:             0 TO         0

L2            0 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 16:26:01 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    67551 TO ITERATE

100.0% PROCESSED    67551 ITERATIONS                        10 ANSWERS
SEARCH TIME: 00.00.01

L3           10 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS                        SINCE FILE      TOTAL
                                               ENTRY       SESSION
FULL ESTIMATED COST                           166.94       167.15

FILE 'CAPLUS' ENTERED AT 16:26:07 ON 05 APR 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE COVERS 1907 - 5 Apr 2006  VOL 144 ISS 15
FILE LAST UPDATED: 4 Apr 2006  (20060404/ED)
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=> s 13
L4   4 L3

=> d 1-4 bib abs

L4   ANSWER 1 OF 4   CAPLUS   COPYRIGHT 2006 ACS on STN
AN   2003:22240   CAPLUS
DN   139:22295
TI   A novel synthesis of metallogermacyclopropane and molybdenum
      bis(iminophosphorano)carbene complexes from bisgermavinylidene
AU   Leung, Wing-Por; So, Cheuk-Wai; Wang, Jin-Zhi; Mak, Thomas C. W.
CS   Department of Chemistry, The Chinese University of Hong Kong, Shatin,
      Peop. Rep. China
SO   Chemical Communications (Cambridge, United Kingdom) (2003), (2), 248-249
      CODEN: CHCOFS; ISSN: 1359-7345
PB   Royal Society of Chemistry
DT   Journal
LA   English
OS   CASREACT 139:22295
AB   The reaction of bisgermavinylidene [(Me3SiN:PPh2)2C:Ge Ge:C(PPh2:NSiMe3)2]
      (1) with M(CO)5(THF) (M = Cr, W, Mo) afforded the
      metallagermacyclopropane [(Me3SiN:PPh2)2CGeM(CO)3{M(CO)5}] [M = W (2), Cr
      (3), Mo (4)]; in one of the reactions, compound 4 reacts further to give a
      pincer carbene complex [(CO)3Mo{C(Ph2P:NSi Me3)2}] (5); the x-ray
      structures of compds. 2 and 5 were determined
RE.CNT   13   THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
                 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4   ANSWER 2 OF 4   CAPLUS   COPYRIGHT 2006 ACS on STN
AN   1995:833778   CAPLUS
DN   124:56189
TI   Metal-carbon multiple bonds: [2+2] cycloaddition of nitrilium salts across
      a metal-carbon triple bond; synthesis and structure of iminocarbene
      complexes of tungsten
AU   Filippou, Alexander C.; Lungwitz, Bernhard; Voelkl, Christian; Herdtweck,
      Eberhardt
CS   Institut fuer Anorganische und Allgemeine Chemie der Humboldt-Universitaet
      zu Berlin, Hessischestr. 1-2, Berlin, D-10115, Germany
SO   Journal of Organometallic Chemistry (1995), 502(1-2), 131-5
      CODEN: JORCAI; ISSN: 0022-328X
PB   Elsevier
DT   Journal
LA   English
OS   CASREACT 124:56189
AB   The aminocarbyne complex Cp*(CO)2W.tplbond.CNEt2 (Cp* = C5Me5) (1)
      undergoes a selective [2+2] cycloaddn. reaction with the nitrilium salt
      [MeC.tplbond.NMe]BF4 to afford the iminocarbene complex
      [Cp*(CO)2W{:C(NEt2)C(Me):NMe}]BF4 (2). Alternatively, the analogous
      iminocarbene complexes [Cp*(CO)2W{:C(NMe2)C(Me):NEt}]BF4 (5: M = Mo; 6: M
      = W) can be obtained by methylation of the η2-1,4-diaza-3-
      methylbutadien-2-yl complexes Cp*(CO)2M[C(NMe)C(Me)NEt] (3: M = Mo; 4: M =
      W) with [Me3O]BF4. The solid-state structure of 2 suggests the presence
      of an η3-bonded iminocarbene ligand and reveals a close electronic
      relationship between 2, 5 and 6 and MoII or WII η3-vinylcarbene
      complexes.

L4   ANSWER 3 OF 4   CAPLUS   COPYRIGHT 2006 ACS on STN
AN   1978:37925   CAPLUS
DN   88:37925
TI   Isocyanide insertion reactions. 1. The importance of η2-iminoacyl
      ligands as intermediates
AU   Adams, Richard D.; Chodosh, Daniel F.
CS   Dep. Chem., Yale Univ., New Haven, CT, USA
SO   Journal of the American Chemical Society (1977), 99(20), 6544-50

DT   Journal
LA   English
AB   The reaction of isocyanides (η5-C5H5)M(CO)3-x-(CNR)x (M = Mo, R = CH3,
      x = 1, 2; M = Mo, R = C6H5, x = 1; and M = W, R = CH3, x = 1) with MeI
      have been investigated. The products include the compds.
      (η5-C5H5)Mo(CO)2(η2-CH3CNCH3) (I) and (η5-C5H5)Mo(CO)2(η2-
      CH3CNC6H5) (II), which contain novel dihapto iminoacyl ligands. Reaction
      of the tungsten anion produces the complex (η5-
      C5H5)W(CO)2(CNCH3)(CH3), in which the methyl group is attached to the
      tungsten atom. Complexes I and II readily add the ligands
      tetracyanoethylene, trimethyl phosphite, and triphenylphosphine to the
      metal atoms in a process that converts the η2-iminoacyl group into an
      η1-iminoacyl group. Addition of iodide ion to I ultimately leads to
      formation of the complex (η5-C5H5)Mo(CO)2(I)[C(CH3)(NHCH3)], which
      contains a methyl(methylamino)carbene ligand. Reaction of the anion,
      (η5-C5H5)Mo(CO)(CNCH3)2-, with methyl iodide produces the complex
      (η5-C5H5)Mo(CO)I[C(N(CH3)2)C(CH3)N(CH3)]. This compound was
      investigated by crystal structure anal. Attached to the molybdenum atom
      is a slightly skewed pentahapto cyclopentadienyl ring, a linear carbonyl
      group, and an iodine atom. The most interesting feature is a complex
      polyhapto carbon-nitrogen containing ligand that has been interpreted as an
      iminodimethylaminocarbene. All the reaction products have been explained
      through a scheme that involves a uniform series of addns. and facile
      isocyanide insertion rearrangements.

L4   ANSWER 4 OF 4   CAPLUS   COPYRIGHT 2006 ACS on STN
AN   1976:591784   CAPLUS
DN   85:191784
TI   Isocyanide insertion rearrangements and their bonding to transition metal
      atoms
AU   Adams, Richard D.; Chodosh, Daniel F.
CS   Chem. Dep., Yale Univ., New Haven, CT, USA
SO   Journal of the American Chemical Society (1976), 98(17), 5391-3
      CODEN: JACSAT; ISSN: 0002-7863
DT   Journal
LA   English
AB   Treatment of (η5-C5H5)Mo(CO)(CNMe)2- (I) with MeI in THF gave
      (η5-C5H5)Mo(CO)(CNMe)2Me2 (II). The mechanism involved initial
      methylation of I at the Mo atom, 2 sequential iodide and solvent promoted
      isocyanide insertions, followed by rearrangement and incorporation of the
      more remotely positioned imine function into the Mo bonding sphere, and
      finally methylation of the other imine group at the N atom to give an Me2N
      unit. The reactions of (η5-C5H5)W(CO)2CNMe- or (η5-
      C5H5)Mo(CO)2CNMe- with MeI and the crystal structure of II supported this
      mechanism.
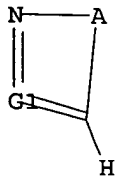
(FILE 'HOME' ENTERED AT 16:21:34 ON 05 APR 2006)

     FILE 'REGISTRY' ENTERED AT 16:22:01 ON 05 APR 2006
L1   STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1   STR

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N———A
‖    |
G1———|
     \
      H
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G1 Mo,W

Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 16:22:34 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   3469 TO ITERATE

 57.7% PROCESSED   2000 ITERATIONS   0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                      BATCH   **COMPLETE**
PROJECTED ITERATIONS: 65848 TO   72912
PROJECTED ANSWERS: 0 TO   0

L2   0 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 16:22:41 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   67551 TO ITERATE

100.0% PROCESSED   67551 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

L3   0 SEA SSS FUL L1